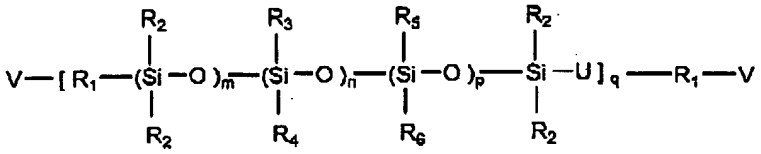
AMENDMENTS TO THE CLAIMS

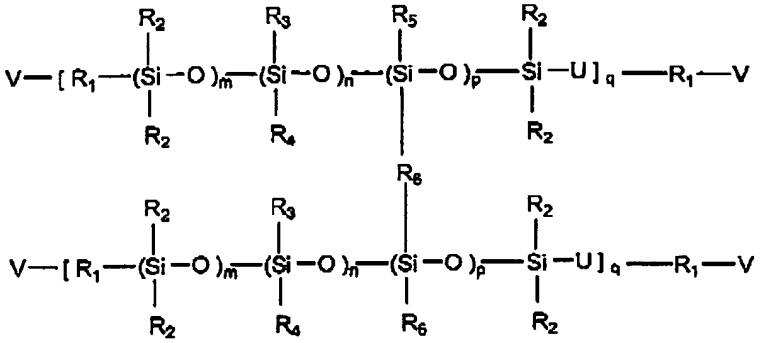
This listing of claims will replace all prior versions and listings of claims in the application

LISTING OF CLAIMS

1. (currently amended) Prepolymers comprising:



or



wherein the V groups ~~may be~~ are the same or different reactive or polymerizable groups; the R_1 groups ~~may be nothing~~ are either absent or, where present, the same or different spacer groups; the R_2 groups ~~may be~~ are the same or different C_{1-6} alkyl groups; R_3 is either R_2 or R_4; R_4 is a C_{6-30} aromatic group; R_5 is R_2, R_4 or R_6; R_6 is a functional group that absorbs blue light; U is either ~~nothing~~ absent or, when present, a difunctional linkage; and m, n, p and q represent the same or different non-negative integers greater than zero.

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2. (original) The prepolymers of claim 1 wherein said V groups are selected from the group consisting of vinyl, allyl, acrylate, methacrylate, acrylamide, methacrylamide, fumarate, maleate and styrene.

3. (original) The prepolymers of claim 1 wherein said R_1 groups are selected from the group consisting of nothing, a C_{1-12} alkylene and an organic spacing group of up to 12 atoms.

4. (original) The prepolymers of claim 3 wherein said organic spacing group is composed of carbon, hydrogen, silicon, oxygen, nitrogen, phosphorous, sulfur, chloride, bromine or fluorine, alone or in any combination.

5. (original) The prepolymers of claim 1 wherein said R_6 group is derived from a reactive yellow dye.

6. (original) The prepolymers of claim 1 wherein said R_6 group is derived from a reactive yellow dye with ethylenically unsaturated groups selected from the group consisting of vinyl, allyl, acrylate, methacrylate, acrylamide, methacrylamide, fumarate, maleate, itaconate, styrene and nitrile.

7. (canceled)

8. (original) The prepolymers of claim 1 wherein said U group is urethane.

9. (canceled)

10. (original) A polymeric composition produced through the copolymerization of one or more prepolymers of claim 1 with one or more monomers or oligomers.

11. (original) A polymeric composition produced through the copolymerization of one or more prepolymers of claim 1 with one or more monomers or oligomers, one or more strengthening agents, one or more crosslinking agents and one or more catalysts.

12. (currently amended) The polymeric composition of claim 10 or 11 wherein said one or more monomers or oligomers are selected from the group consisting of ~~high refractive index~~ siloxane-containing acrylates, ~~high refractive index~~ siloxane-containing methacrylates,

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aromatic-group-containing acrylates, aromatic-group-containing methacrylates, vinyl- or allyl-containing siloxane monomers ~~having high refractive indices~~, and vinyl or allyl-containing aromatic monomers.

13. (original) The polymeric composition of claim 11 wherein said strengthening agent is selected from a group consisting of a silica filler and a siloxane-based resin with at least one vinyl group.

14. (original) The polymeric composition of claim 11 wherein said strengthening agent is a silica filler.

15. (original) The polymeric composition of claim 11 wherein said strengthening agent is a siloxane-based resin with at least one vinyl groups.

16. (currently amended) The polymeric composition of claim 11 wherein said crosslinking agent is ~~polydimethyl-co-methylhydrosiloxane~~ polydimethyl-co-methylhydrosiloxane.

17. (canceled)

18. (original) The polymeric composition of claim 11 wherein said catalyst is Pt-silicone complex.

19. (original) A process for producing the prepolymers of claim 1 comprising:

producing a silicone-containing cyclic compound;

adding a reactive dye moiety to said cyclic compound; and

reacting said cyclic compound with a divinyl siloxane.

20. (original) A process for producing a polymeric composition comprising:

polymerizing one or more prepolymers of claim 1 with one or more monomers or oligomers.

21. (original) A process for producing a polymeric composition comprising:

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polymerizing one or more prepolymers of claim 1 with one or more monomers or oligomers, one or more strengthening agents, one or more crosslinking agents and one or more catalysts.

22. (currently amended) The process of claim 20 or 21 wherein said one or more monomers or oligomers are selected from the group consisting of ~~high refractive index~~ siloxane-containing acrylates, ~~high refractive index~~ siloxane-containing methacrylates, aromatic-group-containing acrylates, aromatic-group-containing methacrylates, vinyl- or allyl-containing siloxane monomers ~~having high refractive indices~~, and vinyl or allyl-containing aromatic monomers.

23. (currently amended) The process of claim 21 wherein said ~~reinforcing component is~~ strengthening agents are selected from a group consisting of silica filler ~~or~~ and ~~a siloxane-based resin~~ siloxane-based resins with at least one vinyl ~~groups~~ group.

24. (currently amended) The process of claim 21 wherein said ~~reinforcing component is~~ strengthening agents are a silica filler.

25. (currently amended) The process of claim 21 wherein said ~~reinforcing component is~~ strengthening agents are a siloxane-based resin with at least one vinyl group.

26. (original) A method of producing an ophthalmic device using the polymeric composition produced through the process of claim 20 or 21 comprising:

casting said polymeric composition into a shaped body.

27. (original) A method of using the ophthalmic device produced through the method of claim 26 comprising implanting said ophthalmic device in an eye.

28. (original) A method of producing an ophthalmic device using a polymeric composition produced from one or more of the prepolymers of claim 1 comprising:

casting said polymeric composition into a shaped body.

29. (original) A method of using the ophthalmic device produced through the method of claim 28 comprising:

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implanting said ophthalmic device in an eye.

30. **(original)** A medical device containing one or more of the prepolymers of claim 1.

31. **(original)** An intraocular lens containing one or more of the prepolymers of claim 1.

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